AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1-24. Canceled.

25. (New) A ready-to-use composition for the oxidation dyeing of keratin fibers, comprising:

- at least one first oxidation base chosen from para-phenylenediamines and acid-addition salts thereof,
- at least one second oxidation base chosen from para-aminophenols and acid-addition salts thereof,
- at least one coupler chosen from 2-methyl-5-N-(β-hydroxyethyl)aminophenol and acid-addition salts thereof,
- at least one enzyme chosen from 2-electron oxidoreductases, and
- at least one donor for said at least one enzyme.

26. (New) The composition according to Claim 25, wherein said keratin fibers are human keratin fibers.

27. (New) The composition according to Claim 26, wherein said human keratin fibers are human hair.

28. (New) The composition according to Claim 25, wherein said at least one enzyme is chosen from pyranose oxidases, glucose oxidases, glycerol oxidases, lactate oxidases, pyruvate oxidases and uricases.

29. (New) The composition according to Claim 25, wherein said at least one enzyme is chosen from uricases of animal, microbiological and biotechnological origin.

30. (New) The composition according to Claim 25, wherein said at least one enzyme is present in an amount ranging from 0.01 to 20% by weight relative to the total weight of said composition.

31. (New) The composition according to Claim 30, wherein said at least one enzyme is present in an amount ranging from 0.1 to 5% by weight relative to the total weight of said composition.

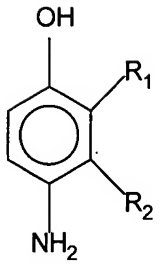
32. (New) The composition according to Claim 25, wherein said at least one donor is chosen from D-glucose, L-sorbose, D-xylose, glycerol, dihydroxyacetone, lactic acid and its salts; pyruvic acid and its salts; and uric acid and its salts.

33. (New) The composition according to Claim 25, wherein said at least one donor is chosen from uric acid and its salts.

34. (New) The composition according to Claim 25, wherein said at least one donor is present in an amount ranging from 0.01 to 20% by weight relative to the total weight of said composition.

35. (New) The composition according to Claim 34, wherein said at least one donor is present in an amount ranging from 0.1 to 5% by weight relative to the total weight of said composition.

36. (New) The composition according to Claim 25, wherein said para-aminophenols are chosen from compounds corresponding to formula (I) below, and acid-addition salts thereof:



(I)

in which:

- R_1 is chosen from a hydrogen atom, halogen atoms, C_1-C_4 alkyl radicals, C_1-C_4 monohydroxyalkyl radicals, (C_1-C_4)alkoxy(C_1-C_4)alkyl radicals, C_1-C_4 aminoalkyl radicals, and hydroxy(C_1-C_4)alkylamino(C_1-C_4)alkyl radicals,
- R_2 is chosen from a hydrogen atom, halogen atoms, C_1-C_4 alkyl radicals, C_1-C_4 monohydroxyalkyl radicals, C_2-C_4 polyhydroxyalkyl radicals, C_1-C_4 aminoalkyl radicals, C_1-C_4 cyanoalkyl radicals, and(C_1-C_4)alkoxy-(C_1-C_4)alkyl radicals, and

wherein at least one of said radicals R_1 and R_2 is a hydrogen atom.

37. (New) The composition according to Claim 36, wherein said para-aminophenols of formula (I) are chosen from para-aminophenol, 4-amino-3-methylphenol, 4-amino-3-fluorophenol, 4-amino-3-hydroxymethylphenol, 4-amino-2-methylphenol, 4-amino-2-hydroxymethylphenol, 4-amino-2-methoxymethylphenol, 4-amino-2-aminomethylphenol, 4-amino-2-(β-hydroxyethylaminomethyl)phenol, 4-amino-2-fluorophenol, and acid-addition salts thereof.

38. (New) The composition according to Claim 25, wherein said at least one second oxidation base is present in an amount ranging from 0.0005 to 12% by weight relative to the total weight of said composition.

39. (New) The composition according to Claim 38, wherein said at least one second oxidation base is present in an amount ranging from 0.005 to 6% by weight relative to the total weight of said composition.

40. (New) The composition according to Claim 25, wherein said at least one first oxidation base is present in an amount ranging from 0.0005 to 12% by weight relative to the total weight of said composition.

41. (New) The composition according to Claim 40, wherein said at least one first oxidation base is present in an amount ranging from 0.005 to 6% by weight relative to the total weight of said composition.

42. (New) The composition according to Claim 25, wherein said at least one coupler is present in an amount ranging from 0.0001 to 5% by weight relative to the total weight of said composition.

43. (New) The composition according to Claim 42, wherein said at least one coupler is present in an amount ranging from 0.005 to 3% by weight relative to the total weight of said composition.

44. (New) The composition according to Claim 25, further comprising at least one additional coupler other than 2-methyl-5-N-(β-hydroxyethyl)aminophenol and acid-addition salts thereof.

45. (New) The composition according to claim 44, wherein said at least one additional coupler is chosen from meta-phenylenediamines, meta-aminophenols other than 2-methyl-5-N-(β-hydroxyethyl)aminophenol, meta-diphenols, heterocyclic couplers, and acid-addition salts thereof.

46. (New) The composition according to Claim 25, further comprising at least one direct dye.

47. (New) The composition according to Claim 25, wherein said acid-addition salts are chosen from hydrochlorides, hydrobromides, sulphates, tartrates, lactates and acetates.

48. (New) The composition according to Claim 25, wherein said composition further comprises water or a mixture of water and at least one organic solvent.

49. (New) The composition according to Claim 25, wherein said composition has a pH ranging from 5 to 11.

50. (New) The composition according to Claim 25, further comprising at least one peroxidase.

51. (New) A ready-to-use composition for the oxidation dyeing of keratin fibers, comprising:

- at least one first oxidation base chosen from para-phenylenediamines and acid-addition salts thereof,

- at least one second oxidation base chosen from

para-aminophenol compounds chosen from: para-aminophenol, 4-amino-3-methylphenol, 4-amino-3-fluorophenol, 4-amino-3-hydroxymethylphenol, 4-amino-2-methylphenol, 4-amino-2-hydroxymethylphenol, 4-amino-2-methoxymethylphenol, 4-amino-2-aminomethylphenol, 4-amino-2-(β-hydroxyethylaminomethyl)phenol, 4-amino-2-fluorophenol, and acid-addition salts thereof,

- at least one coupler chosen from 2-methyl-5-N-(β-hydroxyethyl)aminophenol and acid-addition salts thereof,

- at least one enzyme chosen from

2-electron oxidoreductases chosen from: pyranose oxidases, glucose oxidases, glycerol oxidases, lactate oxidases, pyruvate oxidases and uricases, and

- at least one donor for said at least one enzyme chosen from D-glucose, L-sorbose, D-xylose, glycerol, dihydroxyacetone, lactic acid and its salts; pyruvic acid and its salts; and uric acid and its salts.

52. (New) A ready-to-use composition for the oxidation dyeing of keratin fibers, comprising:

- at least one first oxidation base chosen from para-phenylenediamines and acid-addition salts thereof,

- at least one second oxidation base chosen from

para-aminophenol compounds chosen from: para-aminophenol, 4-amino-3-methylphenol, 4-amino-3-fluorophenol, 4-amino-3-hydroxymethylphenol, 4-amino-2-methylphenol, 4-amino-2-hydroxymethylphenol, 4-amino-2-methoxymethylphenol, 4-amino-2-aminomethylphenol, 4-amino-2-(β-hydroxyethylaminomethyl)phenol, 4-amino-2-fluorophenol, and acid-addition salts thereof,

- at least one coupler chosen from 2-methyl-5-N-(β-hydroxyethyl)aminophenol and acid-addition salts thereof,

- at least one additional coupler other than 2-methyl-5-N-(β-hydroxyethyl)aminophenol, and acid-addition salts thereof, wherein said at least one additional coupler is chosen from meta-phenylenediamines, meta-aminophenols other than 2-methyl-5-N-(β-hydroxyethyl)aminophenol, meta-diphenols, heterocyclic couplers, and acid-addition salts thereof,

- at least one enzyme chosen from

2-electron oxidoreductases chosen from: pyranose oxidases, glucose oxidases, glycerol oxidases, lactate oxidases, pyruvate oxidases and uricases, and

- at least one donor for said at least one enzyme chosen from D-glucose, L-sorbose, D-xylose, glycerol, dihydroxyacetone, lactic acid and its salts; pyruvic acid and its salts; and uric acid and its salts.

53. (New) A ready-to-use composition for the oxidation dyeing of keratin fibers, comprising:

- para-phenylenediamine,

- para-aminophenol,

- 2-methyl-5-N-(β-hydroxyethyl)aminophenol,

- uricase, and

- uric acid.

54. (New) A process for dyeing keratin fibers, comprising applying a ready-to-use composition for the oxidation dyeing of keratin fibers to said fibers and developing for a period sufficient to achieve a desired coloration, wherein said composition comprises:

- at least one first oxidation base chosen from para-phenylenediamines and acid-addition salts thereof,

- at least one second oxidation base chosen from para-aminophenols and acid-addition salts thereof,

- at least one coupler chosen from 2-methyl-5-N-(β-hydroxyethyl)aminophenol and acid-addition salts thereof,

- at least one enzyme chosen from 2-electron oxidoreductases, and

- at least one donor for said at least one enzyme.

55. (New) A process for dyeing keratin fibers, comprising applying a ready-to-use composition for the oxidation dyeing of keratin fibers to said fibers and developing for a period sufficient to achieve a desired coloration, wherein said composition comprises:

- at least one first oxidation base chosen from para-phenylenediamines and acid-addition salts thereof,

- at least one second oxidation base chosen from

para-aminophenol compounds chosen from: para-aminophenol, 4-amino-3-methylphenol, 4-amino-3-fluorophenol, 4-amino-3-hydroxymethylphenol, 4-amino-2-methylphenol, 4-amino-2-hydroxymethylphenol, 4-amino-2-methoxymethylphenol, 4-amino-2-aminomethylphenol, 4-amino-2-(β-hydroxyethylaminomethyl)phenol, 4-amino-2-fluorophenol, and acid-addition salts thereof,

- at least one coupler chosen from 2-methyl-5-N-(β-hydroxyethyl)aminophenol and acid-addition salts thereof,

- at least one enzyme chosen from

2-electron oxidoreductases chosen from: pyranose oxidases, glucose oxidases, glycerol oxidases, lactate oxidases, pyruvate oxidases and uricases, and

- at least one donor for said at least one enzyme chosen from D-glucose, L-sorbose, D-xylose, glycerol, dihydroxyacetone, lactic acid and its salts; pyruvic acid and its salts; and uric acid and its salts.

56. (New) A process for dyeing keratin fibers, comprising applying a ready-to-use composition for the oxidation dyeing of keratin fibers to said fibers and developing for a period sufficient to achieve a desired coloration, wherein said composition comprises:

- at least one first oxidation base chosen from para-phenylenediamines and acid-addition salts thereof,

- at least one second oxidation base chosen from

para-aminophenol compounds chosen from: para-aminophenol, 4-amino-3-methylphenol, 4-amino-3-fluorophenol, 4-amino-3-hydroxymethylphenol, 4-amino-2-methylphenol, 4-amino-2-hydroxymethylphenol, 4-amino-2-methoxymethylphenol, 4-amino-2-aminomethylphenol, 4-amino-2-(β-hydroxyethylaminomethyl)phenol, 4-amino-2-fluorophenol, and acid-addition salts thereof,

- at least one coupler chosen from 2-methyl-5-N-(β-hydroxyethyl)aminophenol and acid-addition salts thereof,

- at least one additional coupler other than 2-methyl-5-N-(β-hydroxyethyl)aminophenol, and acid-addition salts thereof, wherein said at least one additional coupler is chosen from meta-phenylenediamines, meta-aminophenols other than 2-methyl-5-N-(β-hydroxyethyl)aminophenol, meta-diphenols, heterocyclic couplers, and acid-addition salts thereof,

- at least one enzyme chosen from

2-electron oxidoreductases chosen from: pyranose oxidases, glucose oxidases, glycerol oxidases, lactate oxidases, pyruvate oxidases and uricases, and

- at least one donor for said at least one enzyme chosen from D-glucose, L-sorbose, D-xylose, glycerol, dihydroxyacetone, lactic acid and its salts; pyruvic acid and its salts; and uric acid and its salts.

57. (New) A process for dyeing keratin fibers, comprising applying a composition for the oxidation dyeing of keratin fibers to said fibers and developing for a period sufficient to achieve a desired coloration, wherein said composition comprises:

- para-phenylenediamine,
- para-aminophenol,
- 2-methyl-5-N-(β-hydroxyethyl)aminophenol,
- uricase, and
- uric acid.

58. (New) A process for dyeing keratin fibers, comprising:

separately storing a first composition,

separately storing a second composition,

thereafter mixing said first and second compositions,

applying said mixture to said fibers, and

developing for a period sufficient to achieve a desired coloration,

– wherein said first composition comprises at least one first oxidation base chosen from para-phenylenediamines and acid-addition salts thereof, at least one second oxidation base chosen from para-aminophenols and acid-addition salts thereof, and at least one coupler chosen from 2-methyl-5-N-(β-hydroxyethyl)aminophenol and acid-addition salts thereof, and

– wherein said second composition comprises at least one enzyme chosen from 2-electron oxidoreductases and at least one donor for said at least one enzyme.

59. (New) A process for dyeing keratin fibers, comprising:

separately storing a first composition,

separately storing a second composition,

thereafter mixing said first and second compositions,

applying said mixture to said fibers, and

developing for a period sufficient to achieve a desired coloration,

– wherein said first composition comprises at least one first oxidation base chosen from para-phenylenediamines and acid-addition salts thereof,

at least one second oxidation base chosen from

para-aminophenol compounds chosen from: para-aminophenol, 4-amino-3-methylphenol, 4-amino-3-fluorophenol, 4-amino-3-hydroxymethylphenol, 4-amino-2-methylphenol, 4-amino-2-hydroxymethylphenol, 4-amino-2-methoxymethylphenol, 4-amino-2-aminomethylphenol, 4-amino-2-(β-hydroxyethylaminomethyl)phenol, 4-amino-2-fluorophenol, and acid-addition salts thereof, and

at least one coupler chosen from 2-methyl-5-N-(β-hydroxyethyl)aminophenol and acid-addition salts thereof, and

– wherein said second composition comprises at least one enzyme chosen from

2-electron oxidoreductases chosen from: pyranose oxidases, glucose oxidases, glycerol oxidases, lactate oxidases, pyruvate oxidases and uricases, and

at least one donor for said at least one enzyme, which is chosen from D-glucose, L-sorbose, D-xylose, glycerol, dihydroxyacetone, lactic acid and its salts; pyruvic acid and its salts; and uric acid and its salts.

60. (New) A process for dyeing keratin fibers, comprising:

separately storing a first composition,

separately storing a second composition,

thereafter mixing said first and second compositions,

applying said mixture to said fibers, and

developing for a period sufficient to achieve a desired coloration,

– wherein said first composition comprises para-phenylenediamine, para-aminophenol, and 2-methyl-5-N-(β-hydroxyethyl)aminophenol, and

– wherein said second composition comprises uricase and uric acid.

61. (New) A process for dyeing keratin fibers, comprising:

separately storing a first composition,

separately storing a second composition,

thereafter mixing said first and second compositions,

applying said mixture to said fibers, and

developing for a period sufficient to achieve a desired coloration,

– wherein said first composition comprises at least one first oxidation base chosen from para-phenylenediamines and acid-addition salts thereof,

at least one second oxidation base chosen from

para-aminophenol compounds chosen from: para-aminophenol, 4-amino-3-methylphenol, 4-amino-3-fluorophenol, 4-amino-3-hydroxymethylphenol, 4-amino-

2-methylphenol, 4-amino-2-hydroxymethylphenol, 4-amino-2-methoxymethylphenol, 4-amino-2-aminomethylphenol, 4-amino-2-(β-hydroxyethylaminomethyl)phenol, 4-amino-2-fluorophenol, and acid-addition salts thereof, and

at least one coupler chosen from 2-methyl-5-N-(β-hydroxyethyl)aminophenol and acid-addition salts thereof, and

at least one additional coupler other than 2-methyl-5-N-(β-hydroxyethyl) aminophenol and acid-addition salts thereof, wherein said at least one additional coupler is chosen from meta-phenylenediamines, meta-aminophenols other than 2-methyl-5-N-(β-hydroxyethyl)aminophenol, meta-diphenols, heterocyclic couplers, and acid-addition salts thereof, and

– wherein said second composition comprises at least one enzyme chosen from

2-electron oxidoreductases chosen from: pyranose oxidases, glucose oxidases, glycerol oxidases, lactate oxidases, pyruvate oxidases and uricases, and

at least one donor for said at least one enzyme, which is chosen from D-glucose, L-sorbose, D-xylose, glycerol, dihydroxyacetone, lactic acid and its salts; pyruvic acid and its salts; and uric acid and its salts.

62. (New) A multi-compartment dyeing kit, comprising at least two separate compartments, wherein a first compartment contains a first composition and a second compartment contains a second composition,

– wherein said first composition comprises at least one first oxidation base chosen from para-phenylenediamines and acid-addition salts thereof, at least one second oxidation base chosen from para-aminophenols and salts thereof, and at least one

coupler chosen from 2-methyl-5-N-(β-hydroxyethyl)aminophenol and acid-addition salts thereof, and

– wherein said second composition comprise at least one enzyme chosen from 2-electron oxidoreductases and at least one donor for said at least one enzyme.

63. (New) A multi-compartment dyeing kit, comprising at least two separate compartments, wherein a first compartment contains a first composition and a second compartment contains a second composition,

– wherein said first composition comprises at least one first oxidation base chosen from para-phenylenediamines and acid-addition salts thereof,

at least one second oxidation base chosen from

para-aminophenol compounds chosen from: para-aminophenol, 4-amino-3-methylphenol, 4-amino-3-fluorophenol, 4-amino-3-hydroxymethylphenol, 4-amino-2-methylphenol, 4-amino-2-hydroxymethylphenol, 4-amino-2-methoxymethylphenol, 4-amino-2-aminomethylphenol, 4-amino-2-(β-hydroxyethylaminomethyl)phenol, 4-amino-2-fluorophenol, and acid-addition salts thereof, and

at least one coupler chosen from 2-methyl-5-N-(β-hydroxyethyl)aminophenol and acid-addition salts thereof, and

– wherein said second composition comprises at least one enzyme chosen from

2-electron oxidoreductases chosen from: pyranose oxidases, glucose oxidases, glycerol oxidases, lactate oxidases, pyruvate oxidases and uricases, and

at least one donor for said at least one enzyme, which is chosen from D-glucose, L-sorbose, D-xylose, glycerol, dihydroxyacetone, lactic acid and its salts; pyruvic acid and its salts; and uric acid and its salts.

64. (New) A multi-compartment dyeing kit, comprising at least two separate compartments, wherein a first compartment contains a first composition and a second compartment contains a second composition,

– wherein said first composition comprises para-phenylenediamine, para-aminophenol, 2-methyl-5-N-(β-hydroxyethyl)aminophenol, and

– wherein said second composition comprises uricase and uric acid.

65. (New) A multi-compartment dyeing kit, comprising at least two separate compartments, wherein a first compartment contains a first composition and a second compartment contains a second composition,

– wherein said first composition comprises at least one first oxidation base chosen from para-phenylenediamines and acid-addition salts thereof,

at least one second oxidation base chosen from

para-aminophenol compounds chosen from: para-aminophenol, 4-amino-3-methylphenol, 4-amino-3-fluorophenol, 4-amino-3-hydroxymethylphenol, 4-amino-2-methylphenol, 4-amino-2-hydroxymethylphenol, 4-amino-2-methoxymethylphenol, 4-amino-2-aminomethylphenol, 4-amino-2-(β-hydroxyethylaminomethyl)phenol, 4-amino-2-fluorophenol, and acid-addition salts thereof, and

at least one coupler chosen from 2-methyl-5-N-(β-hydroxyethyl)aminophenol and acid-addition salts thereof,

at least one additional coupler other than 2-methyl-5-N-(β-hydroxyethyl) aminophenol, and acid-addition salts thereof, wherein said at least one additional coupler is chosen from meta-phenylenediamines, meta-aminophenols other than 2-

methyl-5-N-(β-hydroxyethyl)aminophenol, meta-diphenols, heterocyclic couplers, and acid-addition salts thereof, and

– wherein said second composition comprises at least one enzyme chosen from 2-electron oxidoreductases chosen from: pyranose oxidases, glucose oxidases, glycerol oxidases, lactate oxidases, pyruvate oxidases and uricases, and

at least one donor for said at least one enzyme, which is chosen from D-glucose, L-sorbose, D-xylose, glycerol, dihydroxyacetone, lactic acid and its salts; pyruvic acid and its salts; and uric acid and its salts.